

Converting Colors

XYZ(84.4932, 69.3324, 85.6136)

Have a look what the booklet for
XYZ(84.4932, 69.3324, 85.6136)
contains.

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Color

**XYZ(74.2189, 63.9131,
84.7686)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEE8
RGB	255, 190, 232
RGB Percent	100%, 75%, 91%
CMY	0.0000, 0.2549, 0.0902
CMYK	0.00, 0.25, 0.09, 0.00
HSL	321°, 100%, 87%
HSV	321°, 25%, 100%
XYZ	74.2189, 63.9131, 84.7686
YIQ	214.2230, 25.2580, 26.8420

Conversions

Conversions Part 2

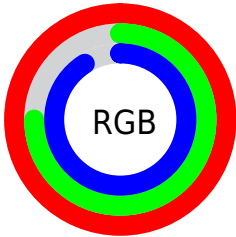
Format	Color
R_{YB}	255, 190, 232
Decimal	16760552
CIE _{Lab}	83.92, 29.74, -11.71
CIE _{LCh}	84, 31.959, 338.505
Yxy	63.9131, 0.3330, 0.2867
Android (android.graphics.Color)	4294950632 (0xFFFFBEE8)
YUV	214.2230, 8.7641, 35.7614
Hunter-Lab	79.9457, 25.8085, -6.9049

Details

The XYZ color **74.2189, 63.9131, 84.7686** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.0076, 87.2723, 76.1622**, and the grayscale version is **63.9989, 67.3319, 73.3244**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **39.9293, 32.7487, 45.2909** is the 20% darker color. If you saturate the color by 10%, you get **67.9225, 53.3189, 76.5079**, and if you desaturate by 10%, it is **81.5504, 76.4713, 93.7006**.

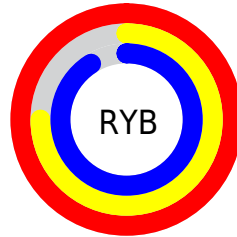
Distribution



Red (100%)

Green (75%)

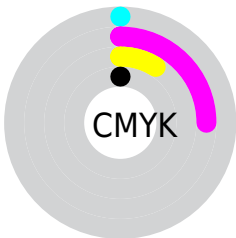
Blue (91%)



Red (100%)

Yellow (75%)

Blue (91%)

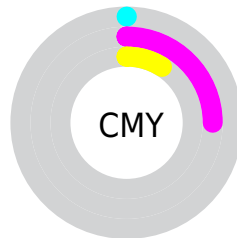


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2189, 63.9131, 84.7686 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.2189, 63.9131, 84.7686 by changing the saturation by 10% instead.


 74.2189, 63.9131,
84.7686

 74.2189, 63.9131,
84.7686


464.2672,
438.8758, 530.9867

 55.2651, 46.5803,
63.1011


 124.1999,
110.4858, 141.9211

 39.8487, 32.7040,
45.4815


155.9578,
140.4944, 178.2433

 27.6043, 21.8998,
31.4912


192.7146,
175.4972, 220.2874

 18.1665, 13.7833,
20.7115

234.8354,
215.8784, 268.4721

 11.1700, 7.9701,
12.7241

282.6857,
262.0224, 323.2158

 6.2494, 4.0758,
7.1104

336.6309,

 3.0394, 1.7161,

314.3138, 384.9371

3.4517

397.0363,
373.1367, 454.0545

■ 1.1747, 0.4340,
1.3297

■ 0.0862, 0.0000,
0.0859

■ 74.2189, 63.9131,
84.7686

■ 74.2189, 63.9131,
84.7686

■ 67.9225, 53.3189,
76.5079

■ 81.5504, 76.4713,
93.7006

■ 62.6052, 44.5797,
68.8928

■ 89.9599, 91.0793,
103.3207

■ 58.2128, 37.5879,
61.9008

95.0500, 100.0000,
108.9000

■ 54.6835, 32.2217,
55.5065

■ 51.9475, 28.3434,
49.6814

■ 49.9236, 25.7923,
44.3932

■ 48.5117, 24.3696,
39.6029

■ 48.0102, 23.9681,
37.5813

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.5617, 63.9131, 104.5115



74.2189, 63.9131, 84.7686



75.1276, 63.9131, 64.0185

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2189, 63.9131, 84.7686



58.7694, 63.9131, 37.8847



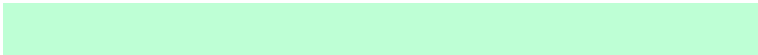
50.7674, 63.9131, 96.5947

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.2189, 63.9131, 84.7686



69.0076, 87.2723, 76.1622

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.3305, 63.9131, 75.4767



74.2189, 63.9131, 84.7686



52.7112, 63.9131, 43.4694

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



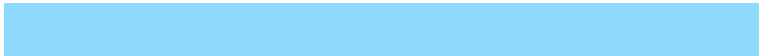
74.2189, 63.9131, 84.7686



65.8387, 63.9131, 39.4169



49.0136, 63.9131, 56.3418



55.9257, 63.9131, 112.2043

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2189, 63.9131, 84.7686



73.4232, 63.9131, 52.6956



49.0136, 63.9131, 56.3418



49.6216, 63.9131, 89.7580

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.2204, 63.9158, 84.7699



87.7433, 87.2116, 100.8380



63.8340, 58.1589, 102.4691



18.5037, 18.1848, 21.2698



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2204, 63.9158, 84.7699



70.6244, 57.8386, 80.1344



70.0515, 62.2482, 62.8166



18.5037, 18.1848, 21.2698



25.1600, 12.5533, 20.0248



2.5017, 1.2431, 2.2235

Inverse Universe

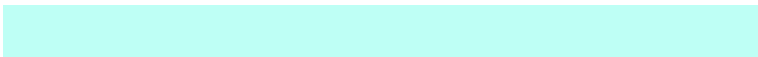
The Inverse Universe completely reimagines the original color for something new.



74.2204, 63.9158, 84.7699



70.6244, 57.8386, 80.1344



73.5165, 89.0758, 99.9058



18.5037, 18.1848, 21.2698



25.1600, 12.5533, 20.0248



2.5017, 1.2431, 2.2235

Previews

White Background



This preview shows how the XYZ color 74.2189, 63.9131, 84.7686 looks on a white background.

Color Contrast Check

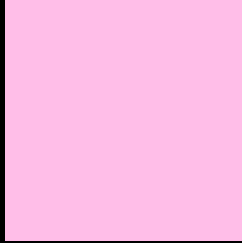
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.2189, 63.9131, 84.7686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2189, 63.9131, 84.7686

Background



This preview shows how black text looks on a background with the XYZ color 74.2189, 63.9131, 84.7686.



This preview shows how white text looks on a background with the XYZ color 74.2189, 63.9131,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.2189, 63.9131, 84.7686

Protanopia

63.5136, 64.3399, 94.6593

Deuteranopia

65.5545, 64.2150, 83.0684



Tritanopia

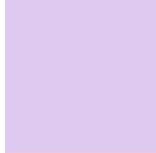
70.9453, 63.8825, 68.9129

Trichromacy



Original Color

74.2189, 63.9131, 84.7686



Protanomaly

66.7390, 63.5942, 91.1954



Deuteranomaly

68.3106, 63.8837, 83.5933



Tritanomaly

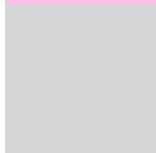
72.1024, 64.0323, 74.2049

Monochromacy



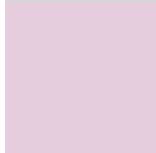
Original Color

74.2189, 63.9131, 84.7686



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.1956, 65.5411, 77.5157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2189, 63.9131, 84.7686 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 190, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 190, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.2189, 63.9131, 84.7686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 190, 232) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 190, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 190, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 190, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 190, 232); box-shadow:4px 4px 4px 4px rgb(255, 190, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2189, 63.9131, 84.7686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
190, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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